

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/580,984
Source: IFWP
Date Processed by STIC: 06/19/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 06/19/2006

PATENT APPLICATION: US/10/580,984

TIME: 11:15:30

Input Set : A:\Sequence listing (AI2-2).txt

Output Set: N:\CRF4\06192006\J580984.raw

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3 <110> APPLICANT: The University of Manchester
5 <120> TITLE OF INVENTION: Treatment of Viral Infections
7 <130> FILE REFERENCE: PCB/AH/P89541WO
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/580,984
C--> 9 <141> CURRENT FILING DATE: 2006-05-25
9 <160> NUMBER OF SEQ ID NOS: 47
11 <170> SOFTWARE: PatentIn version 3.1
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 9
15 <212> TYPE: PRT
16 <213> ORGANISM: Homo sapiens
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20 Arg Leu Thr Arg Lys Arg Gly Leu Lys
21 1 5
24 <210> SEQ ID NO: 2
25 <211> LENGTH: 18
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 2
31 Arg Leu Thr Arg Lys Arg Gly Leu Lys Arg Leu Thr Arg Lys Arg Gly
32 1 5 10 15
35 Leu Lys
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 16
41 <212> TYPE: PRT
42 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 3
46 Arg Thr Arg Lys Arg Gly Arg Lys Arg Thr Arg Lys Arg Gly Arg Lys
47 1 5 10 15
50 <210> SEQ ID NO: 4
51 <211> LENGTH: 14
52 <212> TYPE: PRT
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 4
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58 1 5 10
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 14
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 5
68 Leu Arg Lys Arg Lys Arg Leu Leu Arg Lys Arg Lys Arg Leu
69 1 5 10

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72 <210> SEQ ID NO: 6
73 <211> LENGTH: 18
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 6
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80 1          5          10          15
83 Arg Lys
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 18
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 7
94 Trp Arg Trp Arg Lys Arg Trp Arg Lys Trp Arg Trp Arg Lys Arg Trp
95 1          5          10          15
98 Arg Lys
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 54
104 <212> TYPE: DNA
105 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 8
108 cgtcttactc gtaaactggg tcttaaactc cttactcgta aacgtgggtct taaa          54
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 54
113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 9
117 cttcgtactc gtaaactggg tcgtaaactt cgtactcgta aacgtgggtcg taaa          54
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 48
122 <212> TYPE: DNA
123 <213> ORGANISM: Homo sapiens
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126 cgtactcgta aacgtgggtcg taaactgact cgtaaactg gtcgtaaa          48
129 <210> SEQ ID NO: 11
130 <211> LENGTH: 42
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 11
135 cgtactcgta aacgtgggtcg tcgtactcgt aaactgggtc gt          42
138 <210> SEQ ID NO: 12
139 <211> LENGTH: 42
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
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147 <210> SEQ ID NO: 13
148 <211> LENGTH: 54
149 <212> TYPE: DNA

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150 <213> ORGANISM: Homo sapiens
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156 <210> SEQ ID NO: 14
157 <211> LENGTH: 54
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 14
162 tggcggttggc gtaaactgtg gcgtaaatgg cgttggcgta aacggtggcg taaa      54
165 <210> SEQ ID NO: 15
166 <211> LENGTH: 17
167 <212> TYPE: PRT
168 <213> ORGANISM: Homo sapiens
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172 Arg Ala Leu Val Asp Thr Leu Lys Phe Val Thr Gln Ala Glu Gly Ala
173 1          5          10          15
176 Lys
180 <210> SEQ ID NO: 16
181 <211> LENGTH: 16
182 <212> TYPE: PRT
183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 16
187 Cys Lys Asn Lys Glu Lys Lys Cys Cys Lys Asn Lys Glu Lys Lys Cys
188 1          5          10          15
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192 <211> LENGTH: 18
193 <212> TYPE: PRT
194 <213> ORGANISM: Homo sapiens
196 <400> SEQUENCE: 17
198 Leu Arg Lys Glu Lys Lys Arg Leu Leu Leu Arg Lys Glu Lys Lys Arg
199 1          5          10          15
202 Leu Leu
206 <210> SEQ ID NO: 18
207 <211> LENGTH: 19
208 <212> TYPE: PRT
209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 18
213 Leu Gln Val Ala Glu Arg Leu Thr Arg Lys Tyr Asn Glu Leu Leu Lys
214 1          5          10          15
217 Ser Tyr Gln
221 <210> SEQ ID NO: 19
222 <211> LENGTH: 18
223 <212> TYPE: PRT
224 <213> ORGANISM: Homo sapiens
226 <400> SEQUENCE: 19
228 Gly Glu Arg Leu Arg Ala Arg Met Glu Gly Glu Arg Leu Arg Ala Arg
229 1          5          10          15
232 Met Glu
236 <210> SEQ ID NO: 20

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237 <211> LENGTH: 18
238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapiens
241 <400> SEQUENCE: 20
243 Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Lys Glu
244 1          5          10          15
247 Ala Phe
251 <210> SEQ ID NO: 21
252 <211> LENGTH: 20
253 <212> TYPE: PRT
254 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 21
258 His Met Leu Asp Val Met Gln Asp His Phe Ser Arg Ala Ser Ser Ile
259 1          5          10          15
262 Ile Asp Glu Leu
263          20
266 <210> SEQ ID NO: 22
267 <211> LENGTH: 18
268 <212> TYPE: PRT
269 <213> ORGANISM: Homo sapiens
271 <400> SEQUENCE: 22
273 Arg Asp Ala Asp Asp Leu Gln Lys Arg Arg Asp Ala Asp Asp Leu Gln
274 1          5          10          15
277 Lys Arg
281 <210> SEQ ID NO: 23
282 <211> LENGTH: 18
283 <212> TYPE: PRT
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 23
288 Arg Leu Arg Ala Arg Met Glu Glu Met Arg Leu Arg Ala Arg Met Glu
289 1          5          10          15
292 Glu Met
296 <210> SEQ ID NO: 24
297 <211> LENGTH: 9
298 <212> TYPE: PRT
299 <213> ORGANISM: Homo sapiens
301 <400> SEQUENCE: 24
303 Leu Arg Lys Leu Arg Lys Arg Leu Leu
304 1          5
307 <210> SEQ ID NO: 25
308 <211> LENGTH: 22
309 <212> TYPE: PRT
310 <213> ORGANISM: Homo sapiens
312 <400> SEQUENCE: 25
314 Pro Tyr Leu Asp Asp Phe Gln Lys Lys Trp Gln Glu Glu Met Glu Leu
315 1          5          10          15
318 Tyr Arg Gln Lys Val Glu
319          20
322 <210> SEQ ID NO: 26

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323 <211> LENGTH: 22
324 <212> TYPE: PRT
325 <213> ORGANISM: Homo sapiens
327 <400> SEQUENCE: 26
329 Pro Leu Gly Glu Glu Met Arg Asp Arg Ala Arg Ala His Val Asp Ala
330 1          5          10          15
333 Leu Arg Thr His Leu Ala
334          20
337 <210> SEQ ID NO: 27
338 <211> LENGTH: 22
339 <212> TYPE: PRT
340 <213> ORGANISM: Homo sapiens
342 <400> SEQUENCE: 27
344 Pro Tyr Ser Asp Glu Leu Arg Gln Arg Leu Ala Ala Arg Leu Glu Ala
345 1          5          10          15
348 Leu Lys Glu Asn Gly Gly
349          20
352 <210> SEQ ID NO: 28
353 <211> LENGTH: 22
354 <212> TYPE: PRT
355 <213> ORGANISM: Homo sapiens
357 <400> SEQUENCE: 28
359 Ala Arg Leu Ala Glu Tyr His Ala Lys Ala Thr Glu His Leu Ser Thr
360 1          5          10          15
363 Leu Ser Glu Lys Ala Lys
364          20
367 <210> SEQ ID NO: 29
368 <211> LENGTH: 22
369 <212> TYPE: PRT
370 <213> ORGANISM: Homo sapiens
372 <400> SEQUENCE: 29
374 Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Ala
375 1          5          10          15
378 Leu Lys Gln Lys Met Lys
379          20
382 <210> SEQ ID NO: 30
383 <211> LENGTH: 18
384 <212> TYPE: PRT
385 <213> ORGANISM: Homo sapiens
387 <400> SEQUENCE: 30
389 Val Thr Asp Tyr Gly Lys Asp Leu Met Glu Lys Val Lys Ser Pro Glu
390 1          5          10          15
393 Leu Gln
397 <210> SEQ ID NO: 31
398 <211> LENGTH: 18
399 <212> TYPE: PRT
400 <213> ORGANISM: Homo sapiens
402 <400> SEQUENCE: 31
404 Val Thr Asp Tyr Gly Lys Asp Leu Met Glu Lys Val Lys Glu Trp Leu

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VERIFICATION SUMMARY

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Input Set : A:\Sequence listing (AI2-2).txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date